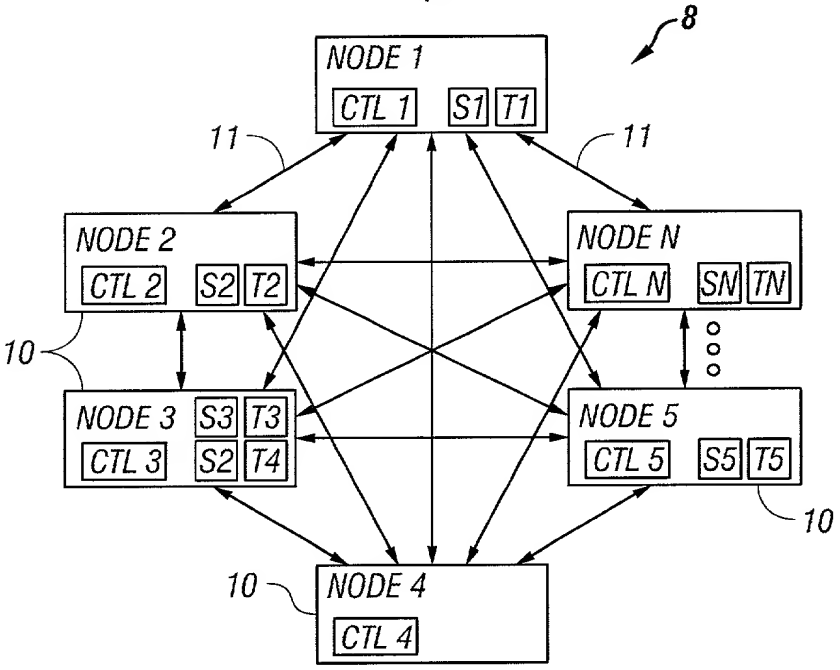
8
NODE 1
CTL 1
S1
T1
11
11
NODE 2
CTL 2
S2
T2
NODE N
CTL N
SN
TN
10
NODE 3
CTL 3
S3
T3
S2
T4
NODE 5
CTL 5
S5
T5
10
10
NODE 4
CTL 4
10

FIG. 1

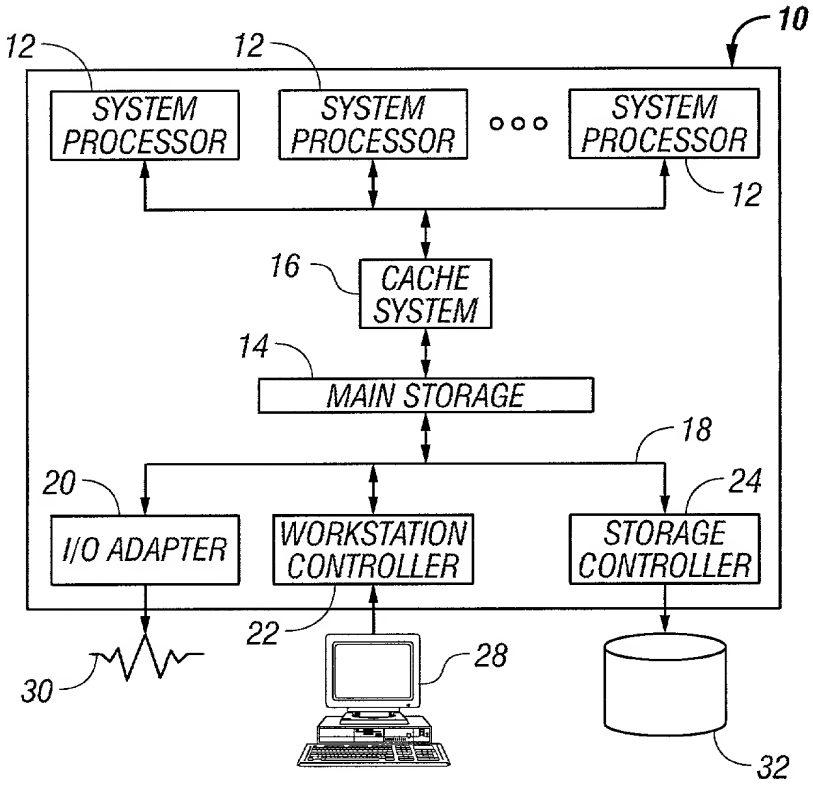
10
12
12
SYSTEM PROCESSOR
SYSTEM PROCESSOR
SYSTEM PROCESSOR
12
16
CACHE SYSTEM
14
MAIN STORAGE
18
20
24
I/O ADAPTER
WORKSTATION CONTROLLER
STORAGE CONTROLLER
22
28
30
32

FIG. 2

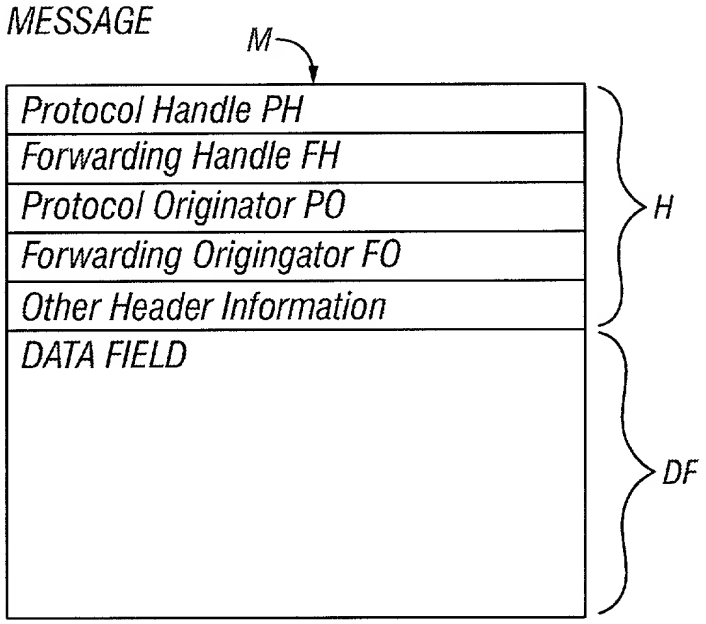
MESSAGE
M
Protocol Handle PH
Forwarding Handle FH
Protocol Originator PO
Forwarding Origingator FO
Other Header Information
DATA FIELD
H
DF

FIG. 3

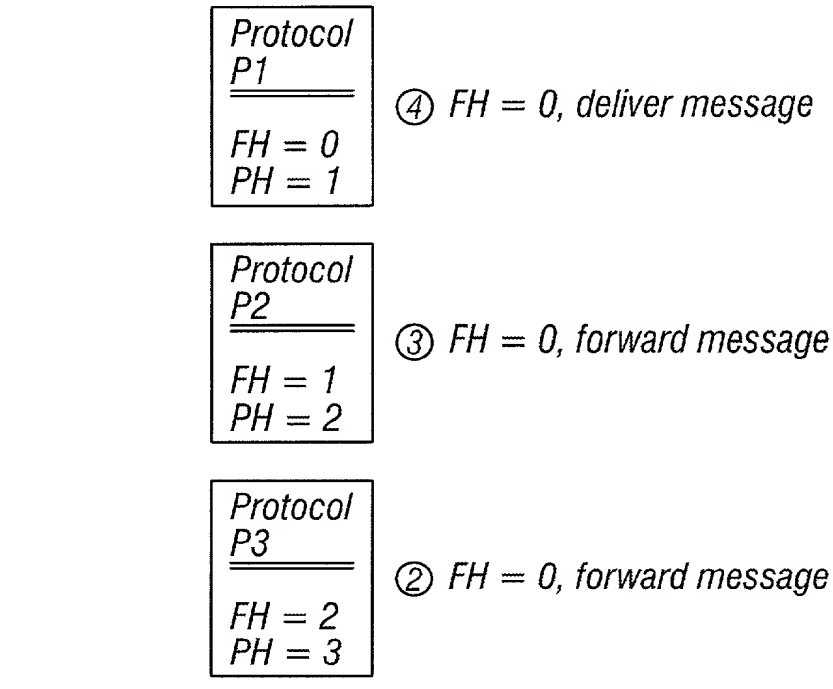
Protocol P1
FH = 0
PH = 1
④ FH = 0, deliver message
Protocol P2
FH = 1
PH = 2
③ FH = 0, forward message
Protocol P3
FH = 2
PH = 3
② FH = 0, forward message
① wish to send message in P2. Looks at message header H.

FIG. 4